4.NF.5

1. The trail around Lenape Lake is 0.8 mile long. What fraction is equivalent to 0.8?
   a. 0/8
   b. 1/8
   c. 8/10
   d. 8/100

2. Melissa lives 0.6 kilometer from her school. Which fraction is equivalent to 0.6?
   a. 1/6
   b. 6/10
   c. 6/100
   d. 0/6

3. The U.S. Senate in Washington, D.C., has elected members who make laws for the United States. Last year 20 senators ran for reelection. Which decimal is equivalent to 20/100?
   a. 2.100
   b. 0.2
   c. 0.02
   d. 0.002

4. Nick filled eight tenths of the pages in his stamp album. Which of the following is **not** equivalent to eight tenths?
   a. 8/10
   b. 0.8
   c. 0.80
   d. 0.08

5. Nina walks 3/10 mile to Heather's house. What fraction is equivalent to 3/10?
   a. 3/100
   b. 30/100
   c. 33/100
   d. 30/10

6. What is the sum of 2/10 and 44/100?
   a. 46/10
   b. 46/100
   c. 64/100
   d. 64/10

7. David ran for 7/10 of a mile. Then he walked for 14/100 mile. How far did he go in all?
   a. 21/100 mile
   b. 98/100 mile
   c. 21/10 mile
   d. 84/100 mile

4.NF.6

8. Lori paid 75/100 of a dollar to buy a postcard from Yellowstone National Park. What is 75/100 written as a decimal in terms of dollars?

   a. 0.75
   b. 7.05
   c. 7.5
   d. 75

9. Matthew sold a picture book at a yard sale for four dollars and five cents. Which decimal names this money amount in terms of dollars?
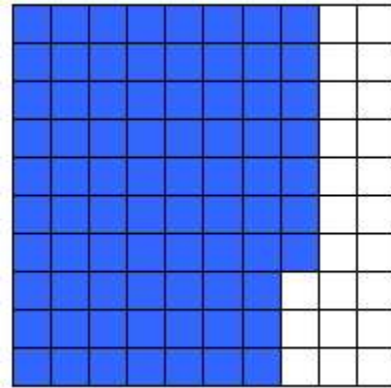
   a. 4.50
   b. 4.05
   c. 0.55
   d. 0.05

10. Douglas ran 3 1/10 miles along a marathon route. What is the distance written as a decimal?

   a.   0.31 miles
   b. 3.01 miles
   c. 3.1 miles
   d. 31.0 miles

11. Carli hiked 4 7/10 miles along a trail in the state park. What is the distance written as a decimal?

   a. 4.10 miles
   b. 47.10 miles
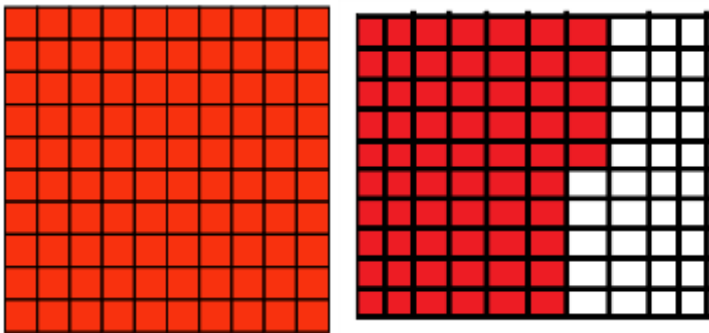   c. 4.7 miles
   d. 4.07 miles

12. Thomas read 77 out of 100 pages in his book. He shaded a model to show what part of the book he read.

Which decimal represents the part of the book Thomas read?
a. 7.7
b. 77
c. .077
d. .77

13.

Diane drew a model to represent the number of miles from her home to the park. Which decimal matches the model?

a. .65
b. 1.45
c. 10.65
d. 1.65

14. The weight of a diamond is measured in carats. Mr. Wang has a diamond that weighs 1 6/100. Which decimal is equivalent to 1 6/100?
    a. 0.16
    b. 1.06
    c. 1.6
    d. 6.16

4.NF.7

15. Jimmy is comparing statistics from a baseball tournament. Which decimal is **less** than 0.5?
    a. 0.38
    b. 0.51
    c. 0.5
    d. 1.05

16. Patty is comparing the data she collected from her science experiment. Which decimal is **greater** than 0.42?
    a. 0.24
    b. 0.39
    c. 0.41
    d. 0.5

17. Susie is comparing decimals. Which statement is **true**?
    a. 0.88 = 0.80
    b. 0.88 < 0.9
    c. 0.88 > 0.9
    d. 0.8 < 0.07

18. A bunch of grapes weighs 0.61 of a pound. Which decimal is **less** than .61?
   a. 0.6
   b. 0.7
   c. 1.06
   d. 1.2

19. Which decimal is **less** than 3.32 but **greater** than 3.0?
   a. 3.33
   b. 2.90
   c. 3.10
   d. 0.32

20. Kathy walked 8/10 of a mile to school. What decimal is **less** than 8/10?
   a. 0.08
   b. 8.8
   c. 8
   d. 1.8

21. Darcy is comparing decimals. Which statement is **true**?
   a. 0.8 > 0.83
   b. 0.38 = 0.83
   c. 0.38 < 0.3
   d. 0.35 > 0.3